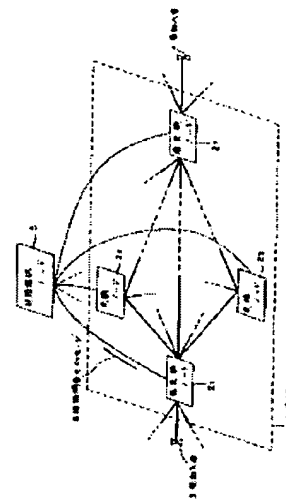# COMMUNICATION PATH SELECTION SYSTEM

Publication number: JP2215247

Publication date: 1990-08-28

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Applicant: FUJITSU LTD

Classification:

- international: *H04L12/56*; H04L12/56; (IPC1-7): H04L12/48

- european:

Application number: JP19890034899 19890216

Priority number(s): JP19890034899 19890216

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Abstract of JP2215247

PURPOSE:To uniformize traffics in a network by applying call setting between an outgoing subscriber and an incoming subscriber in an optimum path connecting an outgoing exchange node selected by a path selection node and an incoming exchange node accommodating an incoming subscriber. CONSTITUTION:Path selection node 5 applying managing integrally path information in a communication network 1 is provided. The node 5 is connected to exchange nodes 21, 22...2n in the communication network 1 via, e.g. a common line signal network, and the path information among the exchange nodes is managed centralizingly while applying transmission reception of a control signal with each node. Then an outgoing exchange node 21 receiving a call signal from an outgoing subscriber 3 sends a path inquiry message 6 including identification information of the node 21, identification information of the incoming subscriber 4 and request information quantity to the node 5. The node 5 decides the optimum path connecting the node 21 and an incoming exchange node 2n accommodating the incoming subscriber 4 in response to the transmission of the message 6 and applies call setting between the subscribers 3 and 4 based on the optimum path. Thus, traffics in the network are uniformized.

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